



Form PTO-1449		U.S. Department of Commerce Patent and Trademark Office				Atty. Docket No. P23853	Serial No. 10/621,351		
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)						Applicant Stephen PALM			
						Filing Date July 18, 2003	Group 2631		
U.S. PATENT DOCUMENTS									
EXAMINER INITIAL		DOCUMENT NUMBER			DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
<i>ph</i>		5	4	9	3	6	0	9	02/20/96 DAVIS et al.
FOREIGN PATENT DOCUMENTS									
		DOCUMENT NUMBER			DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)									
<i>ph</i>	1	ITU-T Recommendation V.8 bis ("Procedures for the Identification and Selection of Common Modes of Operation Between Data Circuit-Terminating Equipments (DCEs) and Between Data Terminal Equipments (DTEs) Over the General Switched Telephone Network and On Leased Point-to-Point Telephone-Type Circuits"), published by the International Telecommunication Union in August, 1996.							
<i>ph</i>	2	An article by K. KRECHMER at pages 63,64 and 66 of Data Communications, McGraw Hill, NY, vol. 23, no. 2 (January 21, 1994).							
EXAMINER <i>Patty Brown</i>					DATE CONSIDERED <i>10/20/04</i>				
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PM	5	4	9	3	6	0	9	02/20/96	DAVIS et al.			
PM	5	7	1	5	2	7	7	02/03/98	GOODSON et al.			
PM	6	4	6	6	5	8	6	10/2002	DARVEAU			
PM	6	4	3	8	2	2	6	08/2002	GUENTHER et al.			
PM	5	9	7	0	0	8	8	10/1999	CHEN			
PM	6	3	0	7	8	3	6	10/2001	JONES et al.			
PM	6	2	9	8	0	6	5	10/2001	DOMBKOWSKI et al.			
PM	6	2	6	3	0	1	6	07/2001	BELLENGER et al.			
PM	6	0	8	1	5	1	7	06/2000	LIU et al.			

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER							DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
PM	0	8	2	0	1	6	8	01/21/98	E.P.O.			

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

PM	1	ITU-T Recommendation V.8 bis ("Procedures for the Identification and Selection of Common Modes of Operation Between Data Circuit-Terminating Equipments (DCEs) and Between Data Terminal Equipments (DTEs) Over the General Switched Telephone Network and On Leased Point-to-Point Telephone-Type Circuits"), published by the International Telecommunication Union in August, 1996.
PM	2	An article by K. KRECHMER at pages 63,64 and 66 of Data Communications, McGraw Hill, NY, vol. 23, no. 2 (January 21, 1994).

EXAMINER *Pamela Palmar*DATE CONSIDERED *10/2004*

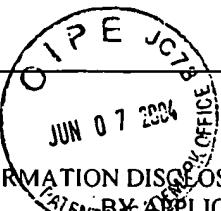
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	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)						
<i>PM</i>	3	An article by F. MESCAM, entitled "Introduction A La Procedure De Transmission HDLC", published at pages 69-73 of L'Onde Electrique, vol. 53, no. 2 (February, 1973),				
<i>PM</i>	4	An articled by H. OHBA et al., entitled "End-to-End Protocol Based On CCITT X.25 and Its Implementation", published at pages 281-287 of Evolutions In Computer Communications, Kyoto September 26-29, 1978, International Conference On Computer Communication, Tokyo, Japan, vol. CONF. 4, September 1978.				
<i>PM</i>	5	An articled by K. KRECHMER at pages 63, 64 and 66 of Data Communications, McGraw Hill, NY, vol. 23, no. 2 (January 21, 1994), entitled "V.34 Modems: Off to a Fast Start."				
EXAMINER <i>Paranjit Kumar</i>			DATE CONSIDERED <i>10/2004 L1</i>			
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U.S. PATENT DOCUMENTS											
<i>Ph</i>	5	9	1	2	9	2	1	06/15/99	WARREN et al.		
<i>Ph</i>	6	0	6	4	6	9	3	05/16/00	OLIVER et al.		
<i>Ph</i>	5	2	8	0	5	8	6	01/18/94	KUNTZ et al.		
<i>Ph</i>	6	0	0	2	7	2	2	12/14/99	WU		
<i>Ph</i>	4	9	2	4	4	5	6	05/08/90	MAXWELL et al.		
<i>Ph</i>	5	1	0	3	4	4	6	04/07/92	FISCHER		
<i>Ph</i>	6	3	6	6	5	6	7	04/02/02	SINGH et al.		
<i>Ph</i>	6	2	6	3	0	1	6	07/17/01	BELLENGER et al.		
FOREIGN PATENT DOCUMENTS											
		DOCUMENT NUMBER				DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES	NO
	9	7	1	4	9	2	2	9	12/24/97	W.I.P.O.	
	2	0	2	7	2	3	0	04/18/95	CANADA	<i>not provided</i>	
	2	1	1	1	3	4	3	06/18/94	CANADA		
	0	9	7	4	2	0	2	01/26/00	E.P.O.		
<i>Ph</i>	9	9	1	3	5	7	5	6	07/15/99	W.I.P.O.	
<i>Ph</i>	0	8	2	0	1	6	8	01/21/98	E.P.O.		
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)											
			1. An article published in the periodical, "Nikkei Communications," vol. 252, August 18, 1997, pages 80-89, along with an English translation of the relevant portion of the document.								
			<i>not provided</i>								
EXAMINER	<i>Panty Palma</i>							DATE CONSIDERED <u>10/2004</u>			
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<i>PW</i>		5	4	9	3	6	0	9	02/20/96	WINSECK, Jr. et al.	
<i>PW</i>		6	0	0	2	7	2	2	12/14/99	WU	
<i>PW</i>		5	4	7	9	4	4	7	12/26/95	CHOW et al.	
<i>PW</i>		4	6	7	9	2	2	7	07/07/87	HUGHES-HARTOGS	
<i>PW</i>		5	6	4	4	5	7	3	07/01/97	JACOBSEN et al.	
<i>PW</i>		5	4	6	3	3	8	2	10/31/95	NIKAS et al.	
<i>PW</i>		5	3	7	7	1	8	8	12/27/94	SEKI	
<i>PW</i>		4	8	9	7	8	3	1	01/30/90	NEGI et al.	
<i>PW</i>		5	3	4	9	6	3	5	09/20/94	SCOTT	
FOREIGN PATENT DOCUMENTS											
		DOCUMENT NUMBER				DATE	COUNTRY		CLASS	SUBCLASS	TRANSLATION YES NO
<i>PW</i>	9	8	/	1	0	5	4	5	03/12/98	W.I.P.O.	
	0	9	7	4	2	0	2	07/15/99	E.P.O.	<i>3 not provided</i>	
<i>PW</i>	9	9	/	3	5	7	5	6	07/15/99	W.I.P.O.	
	0	8	2	0	1	6	8	01/21/98	E.P.O.	<i>3 not provided</i>	
	2	0	-2	-7	2	-3	-0	04/12/91	CANADA	<i>not provided</i>	
	2	1	1	1	5	4	3	06/18/94	CANADA	<i>not provided</i>	
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)											
<i>PW</i>	1	ITU-T recommendation G.994.1 ("Handshake Procedures For Digital Subscriber Line (DSL) Transceivers"), published by the International Telecommunication Union in February, 2001.									
<i>PW</i>	2	ITU-T Recommendation V.8 bis ("Procedures for the Identification and Selection of Common Modes of Operation Between Data Circuit-Terminating Equipments (DCEs) and Between Data Terminal Equipments (DTEs) Over the General Switched Telephone Network and On Leased Point-to-Point Telephone-Type Circuits"), published by the International Telecommunication Union in August, 1996.									
EXAMINER <i>Pantin R. Brown</i>						DATE CONSIDERED <i>10/7/2004</i>					
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Phy | 1 | ITU-T Recommendation V.8 bis ("Procedures for the Identification and Selection of Common Modes of Operation Between Data Circuit-Terminating Equipments (DCEs) and Between Data Terminal Equipments (DTEs) Over the General Switched Telephone Network and On Leased Point-to-Point Telephone-Type Circuits"), published by the International Telecommunication Union in August, 1996.

EXAMINER <i>Panday, Alvin</i>	DATE CONSIDERED <i>10/1/2004</i>
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OCT 24 2003

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PM		5	6	6	8	8 5 7	09/16/97	McHALE					
PM		5	7	8	1	6 1 7	07/14/98	McHALE					
PM		5	8	5	2	6 5 5	12/22/98	McHALE					
PM		5	4	1	0	3 4 3	04/25/95	CODDINGTON et al.					
PM		5	7	5	7	8 0 3	05/26/98	RUSSELL et al.					
PM		5	7	9	6	8 0 8	08/18/98	SCOTT et al.					
PM		5	7	5	1	9 1 4	05/12/98	COLEY et al.					
PM		5	4	4	8	5 6 6	09/05/95	RICHTER et al.					
PM		5	1	6	3	1 3 1	11/10/92	ROW et al.					
PM		5	3	1	1	5 7 8	05/10/94	BREMER et al.					
PM		4	6	8	0	7 7 3	07/14/87	AMUNDSON					
PM		5	4	6	3	6 6 1	10/31/95	MORAN, III et al.					
PM		5	6	4	4	5 7 3	07/01/97	BINGHAM et al.					
PM		5	7	1	5	2 7 7	02/03/98	GOODSON et al.					
PM		5	6	0	8	7 6 4	03/04/97	SUGITA et al.					
PM		5	9	0	3	6 0 8	05/11/99	CHUN					
PM		5	9	1	0	9 7 0	06/08/99	LU					
PM		5	8	0	5	6 6 9	09/08/98	BINGEL et al.					
PM		5	4	0	0	3 2 2	03/21/95	HUNT et al.					
PM		5	4	7	9	4 4 7	12/26/95	CHOW et al.					
PM		5	6	8	2	4 1 9	10/28/97	GRUBE et al.					
PM		5	3	4	9	6 3 5	09/20/94	SCOTT					
PM		4	8	9	7	8 3 1	01/30/90	NEGI et al.					
PM		5	4	6	3	3 8 2	10/31/95	NIKAS et al.					
PM		5	3	7	7	1 8 8	12/27/94	SEKI					
PM		5	3	2	1	7 2 2	06/14/94	OGAWA					
EXAMINER <i>Pamela Ahnun</i>								DATE CONSIDERED <i>10/2001</i>					
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